

Agenda for Third Annual California Multi-Agency Update on Vehicle-Grid Integration Research

Monday, December 12, 2016
 Beginning at 9:30 a.m.
 CALIFORNIA ENERGY COMMISSION
 1516 Ninth Street
 First Floor, Rosenfeld Hearing Room
 Sacramento, California
 Wheelchair Accessible

Purpose: California Energy Commission staff will lead a public workshop to review the progress of research called for in the California Vehicle-Grid Integration Roadmap as part of the Governor's Zero-Emission Vehicle Action Plan.

Agenda

Time	Item
9:30 a.m. - 9:45 a.m.	WELCOME AND OPENING REMARKS <ul style="list-style-type: none"> ➤ Welcome and Housekeeping <ul style="list-style-type: none"> - Kiel Pratt, California Energy Commission ➤ Opening Remarks <ul style="list-style-type: none"> - Dr. Robert Weisenmiller, Chairman, California Energy Commission
9:45 a.m. - 10:45 a.m.	UPDATES FROM AGENCIES AND THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR <ul style="list-style-type: none"> ➤ Update on Vehicle-Grid Integration (VGI) Initiatives from the Energy Commission <ul style="list-style-type: none"> - Mike Gravely and Noel Crisostomo, California Energy Commission ➤ Update on VGI Initiatives from the California ISO <ul style="list-style-type: none"> - Peter Klauer, California Independent System Operator ➤ Update on VGI Initiatives from the CPUC <ul style="list-style-type: none"> - Amy Mesrobian, California Public Utilities Commission ➤ Q&A Session on Updates

<p>10:45 a.m. - 12:30 p.m.</p>	<p>TRANSPORTATION ELECTRIFICATION (TE) PILOT PROJECT UPDATES FROM INVESTOR-OWNED UTILITIES</p> <ul style="list-style-type: none"> ➤ Wholesale Market Integration Pilot <ul style="list-style-type: none"> - Randy Nicholson, San Diego Gas & Electric ➤ Smart Charging and Workplace Charging TE Pilot <ul style="list-style-type: none"> - Mauro Dresti, Southern California Edison ➤ BMW iChargeForward Pilot <ul style="list-style-type: none"> - David Almeida, Pacific Gas & Electric ➤ Q&A Session on Updates
<p>12:30 p.m. - 1:30 p.m.</p>	<p>LUNCH</p>
<p>1:30 p.m. - 2:15 p.m.</p>	<p>DISCUSSION PANEL: Auto Manufacturer Activities and Insights on Vehicle-Grid Integration</p> <ul style="list-style-type: none"> - Kiel Pratt (Moderator), California Energy Commission - Adam Langton, BMW - Amy Lilly, Daimler - Dave McCreadie, Ford - Jamie Hall, GM - Satoru Shinzaki, Honda - John Tillman, Nissan
<p>2:15 p.m. - 4:30 p.m.</p>	<p>TECHNICAL RESEARCH UPDATES</p> <ul style="list-style-type: none"> ➤ Los Angeles Air Force Base Vehicle-to-Grid Demonstration <ul style="list-style-type: none"> - Muir Davis, Southern California Edison ➤ Update on three VGI projects funded under the First Triennial Electric Program Investment Charge (EPIC) Investment Plan: <ul style="list-style-type: none"> - Next-Generation Grid Communication for Residential PEVs <ul style="list-style-type: none"> - Rich Quattrini and Craig Rodine, ChargePoint - Distribution System Aware Vehicle to Grid Services for Improved Grid Stability and Reliability <ul style="list-style-type: none"> - Sunil Chhaya, Electric Power Research Institute - Smart Charging of Plug-in Vehicles with Driver Engagement for Demand Management and Participation in Electricity Markets <ul style="list-style-type: none"> - Doug Black, Lawrence Berkeley National Laboratory

	<ul style="list-style-type: none"> ➤ EV Storage Accelerator: Midpoint Update <ul style="list-style-type: none"> - Niki De Leon, EVgo ➤ Clean Transportation for a Clean Grid: VGI for the Duck Curve, Battery Degradation, and Accelerating PEV Adoption <ul style="list-style-type: none"> - Samveg Saxena, Lawrence Berkeley National Laboratory ➤ U.S. Department of Energy Grid Modernization Vehicle Grid Integration Projects <ul style="list-style-type: none"> - John Smart, Idaho National Laboratory
<p>4:30 p.m. - 5:00 p.m.</p>	<p>PUBLIC COMMENT</p> <ul style="list-style-type: none"> ➤ Public Comment Session <ul style="list-style-type: none"> - Kiel Pratt (Moderator), California Energy Commission ➤ Next Steps and Closing Remarks <ul style="list-style-type: none"> - Kiel Pratt, California Energy Commission ➤ Adjourn